On Site Overview
Western Processing Center (WPC)

York Yarbro
Deputy Program Manager
U.S. Army Corps of Engineers
Enterprise Infrastructure Services (CEEIS)

20 July 2005

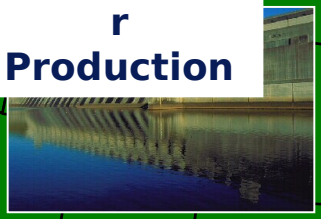
AGENDA

- USACE Mission
- CEEIS Mission
- WPC Mission

USACE MISSION
ENGINEER SUPPORT TO THE PUBLIC

627 Shallow Draft Harbors

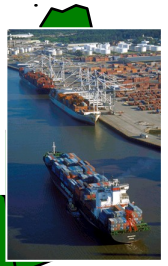
¼ of Nation's Hydropower Production



383 Major Lakes & Reservoirs

376 M Visitors/yr

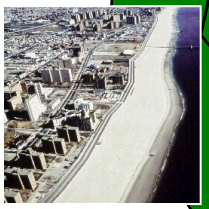
11,000 miles Inland Waterways



299 Deep Draft Harbors

$500M Annual Dredging Costs

276 Locks



400 miles Coastal Structures

4340 Recreation

8500 Miles of Levees

Emergency Operations

11.7 Million Acres Public Lands

Environmental Stewardship

- US Ports & Waterways move > 2B Tons products
- Foreign Trade creates > $160B tax revenues
- Cumulative Flood Prevention > $419B

Regulatory Responsibilities

USACE MISSION
ENGINEER SUPPORT TO THE WARFIGHTER

Tactical Military Hydrology

Contingency Airfields

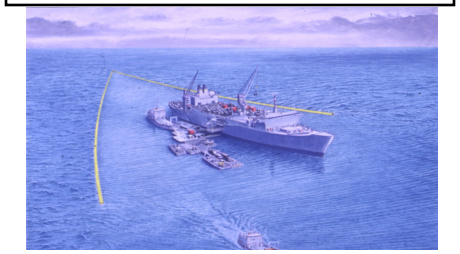
Utility Assessment and Repair

Cold Regions Theater of Operations Engineering

Base Camp Construction, Protection & Survivability

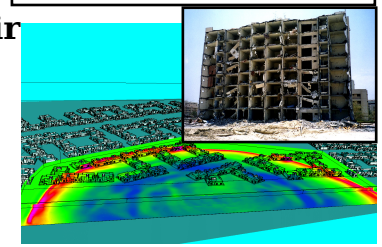
Rapid Mapping

Logistics Over the Shore



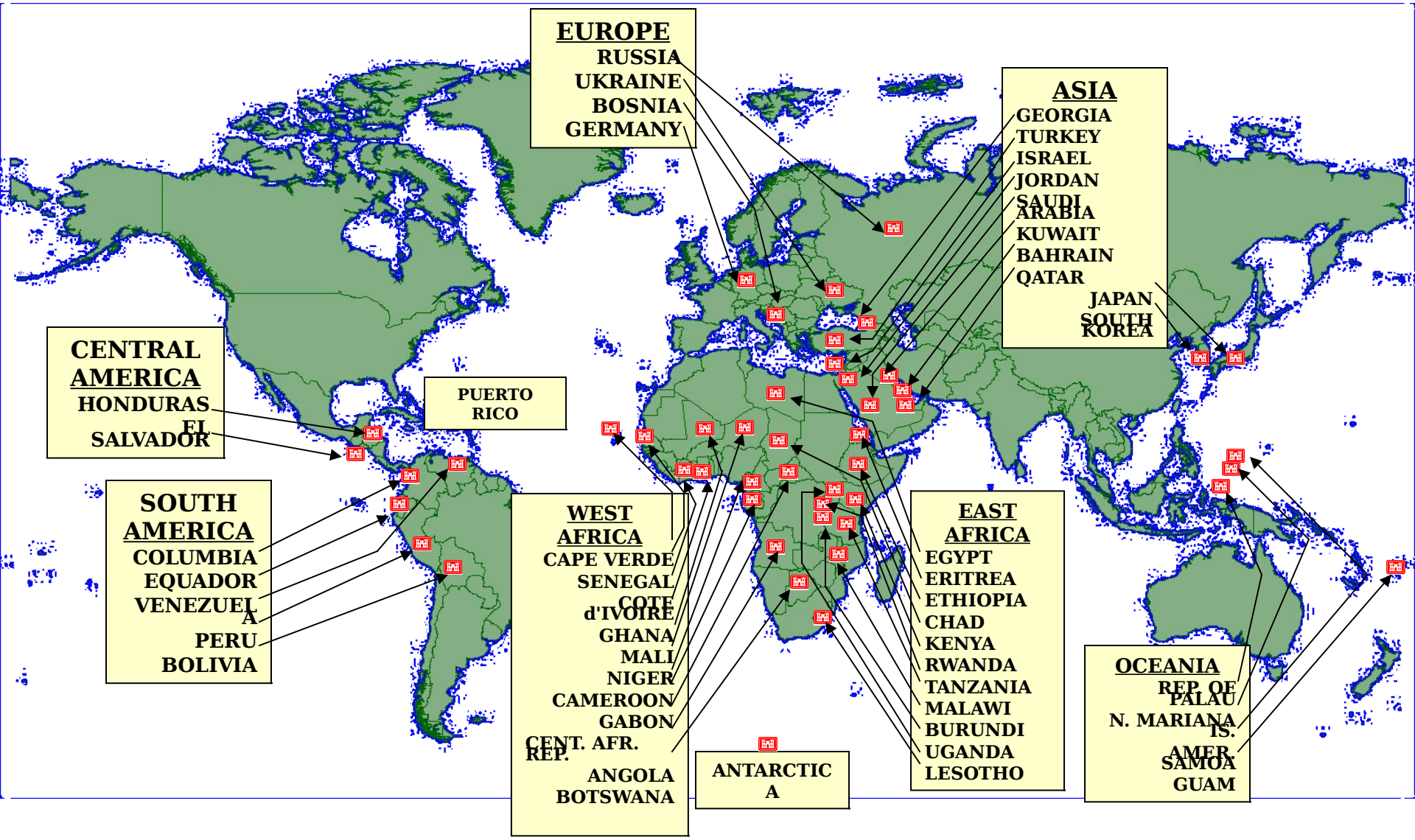
Bridge Assessment and Repair

Force Protection



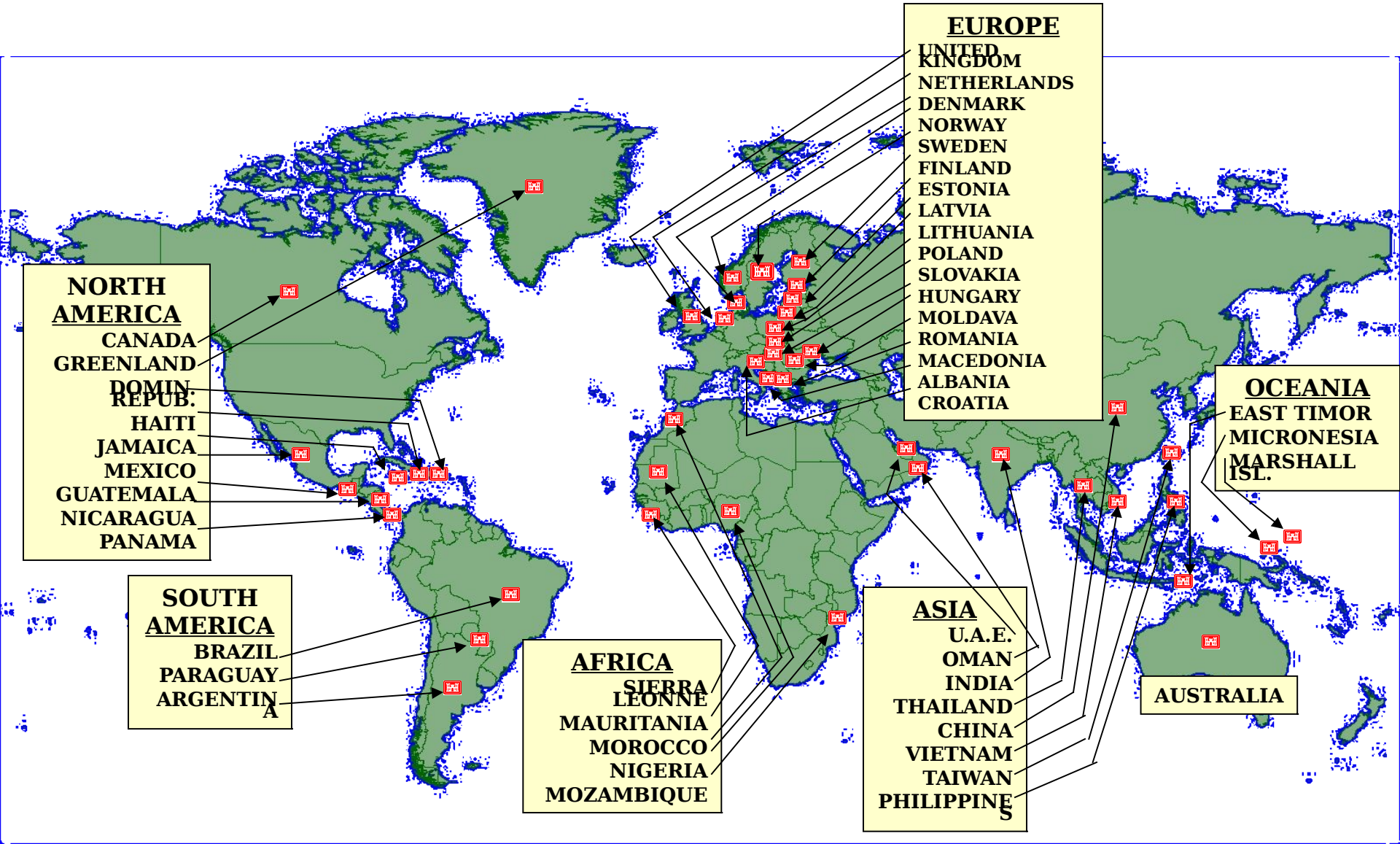
USACE MISSION

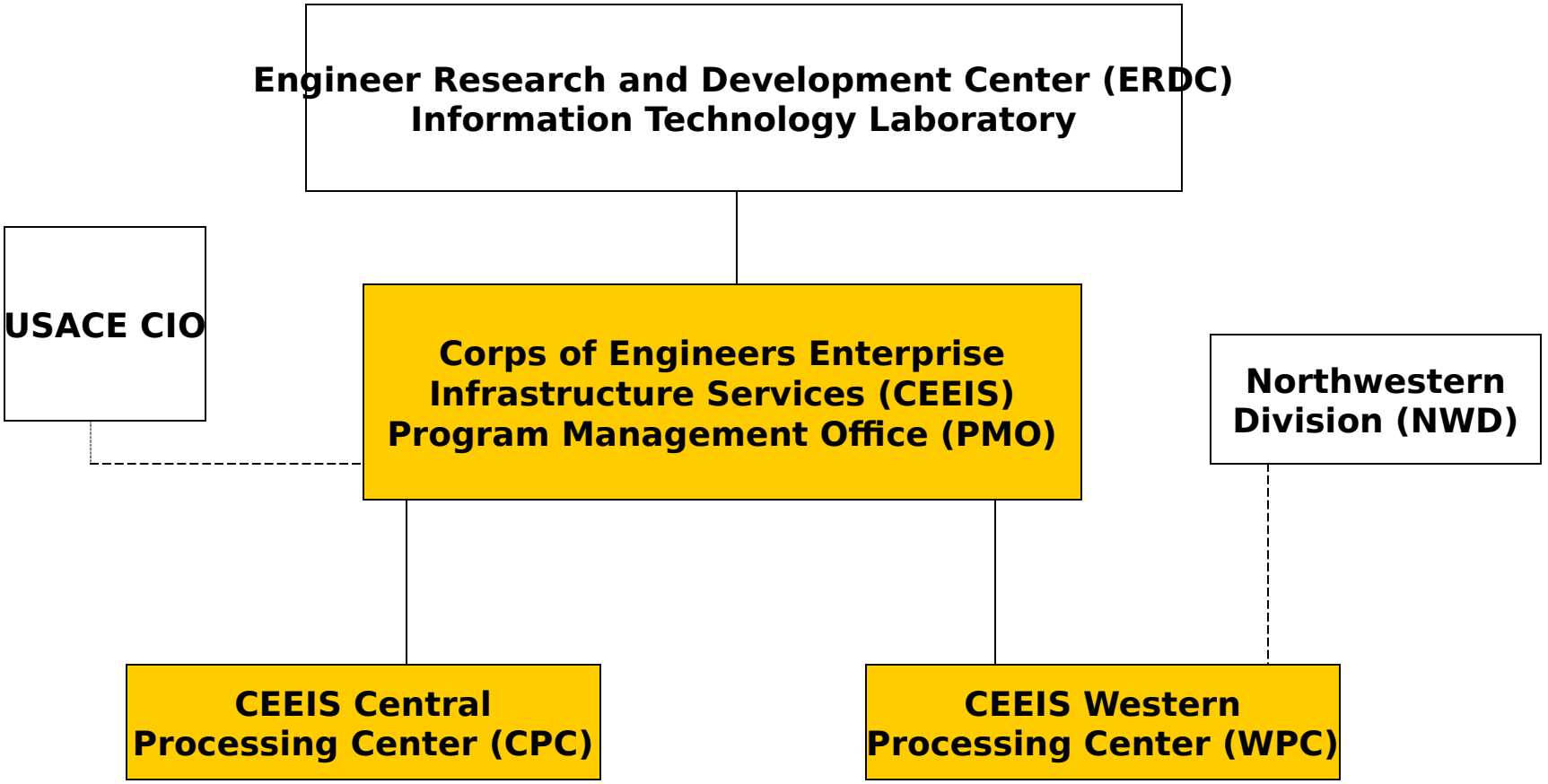
GLOBAL ENGAGEMENT – CONSTRUCTION SUPPORT



USACE MISSION

GLOBAL ENGAGEMENT – CONSTRUCTION SUPPORT




Engineer Research and Development Center (ERDC)
Information Technology Laboratory
USACE CIO
Corps of Engineers Enterprise
Infrastructure Services (CEEIS)
Program Management Office (PMO)
Northwestern
Division (NWD)
CEEIS Central
Processing Center (CPC)
CEEIS Western
Processing Center (WPC)

CEEIS MISSION

CEEIS provides the Corps of Engineers' primary IT infrastructure asset. This asset consists of world-class corporate data processing, electronic mail, and global networking that enables the Corps' command and control, missions, programs, and business processes. Functionality and capability are provided 24/365 in a manner that remains robust, reliable, and meets customer performance expectations while maintaining a secure and cost-conscientious culture.

WPC MISSION

Support the Corps of Engineers Enterprise Infrastructure Services (CEEIS) mission as one of its' Corporate Processing Centers

ROLES

- Site Management and Administration
- Helpdesk Operations & Support
- Electronic Mail Support
- Network Operations and Security Center (NOSC)
- Information Assurance
- Database Support
- Systems Support
- Continuity of Business Operations (COOP)
- Emergency Support (Global/National/Regional)
- Support to GWOT efforts

Helpdesk

- 24/7/365
- Trouble ticketing
- System/device/event monitoring
- USACE interface to Army CONUS T-NOSC

Electronic Mail

- Unclassified E-mail services
  - Anti-SPAM
  - Anti-Virus
  - Directory administration
  - SMTP gateways
  - DMS (Defense Message System)
  - Emergency Operations
- Classified E-mail Services
  - DMS
  - RASP (Remote Access Security Program)
- MS Active Directory administration

NOSC (Network Operations and Security Center)

- WAN connectivity
- COOP
- Processing Center networking

NOSC (cont.)

- Gateways
  - Internet
  - SIPRnet
  - DREN
  - NIPRnet
- CONUS and OCONUS support
- Bandwidth management
- DNS
  - Internal
  - External
  - Army

Information Assurance

- Firewalls
- VPN
- Intrusion Detection (IDS)
- IAVA compliance
- Coordination with RCERT
- Virus and Worm protection

AIS hosting

- Enterprise-level applications servers
- Includes Enterprise-level database support
- Application-specific expertise
- COOP

Storage Management

- Storage Area Network (SAN)
  - High Availability
  - Fault Tolerant
- Non-SAN
- File systems

Backup Support

- Offsite, on-line and off-line backup
- Archives
- Data Replication

FACILITIES

- Main Facility
  - Computer Center, office, and storage space
  - Uninterruptible Power Supply infrastructure
  - Power Distribution Units
  - Climate-controlled environment
- Off-site backup facility
  - unmanned computer room and storage